

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1 -5 (canceled)

6. (Currently Amended) The A method of generating a show-through pattern on a duplex-printed document through selective disposition of halftone patterns on opposite sides of a non-transparent paper document comprising steps of:

printing a first image on a first side of the document in a first halftone pattern; and
printing a second image on a second side of the document in a second halftone pattern wherein the first and second halftone patterns present first and second images upon front-lit illumination respectively, and are disposed to form a recognizable marking described in claim 1 wherein the said recognizable marking is produced through a local frequency shift of the printed halftone dots distinct from the first and second images upon illumination from a show-through light source.

7. (Original) The method as defined in claim 6 wherein the first and second halftone patterns are obtained by utilizing a first and a second clustered-dot halftone screen and the second halftone screen incorporates a frequency shift in dot pattern in the shape of the said recognizable marking.

8. (Original) The method as defined in claim 7 wherein the recognizable marking comprises a variation in moirée pattern.

9-11. (Cancelled)

12. (Currently Amended) The A duplex-printed document having a show-through watermark comprising a selective overlay between a first image on a first side of the document and a second image on a second side of the document, the first and second images comprising independent images respectively to a viewer upon front-lit illumination, and wherein the images comprise halftone dots relatively adjusted for cooperating to form the watermark upon illumination of the document from a show-through light source as claimed in claim 11 wherein the watermark is produced through a local phase frequency shift of the halftone dots between the first and second sides of the document.

13-16. (Cancelled)

17. (Currently Amended) A method of duplex printing a document for forming a show-through watermark thereon upon back-lit illumination comprising steps of:

printing a front pattern on a front side of the document; and,

printing a back pattern on a back side of the document wherein the front and back patterns present independent images respectively upon front-lit illumination and wherein the patterns are disposed for interacting with the front pattern in the upon back-lit illumination to produce a recognizable marking, produced through a local frequency shift of printed halftone dots, wherein the marking is not recognizable upon only front-lit illumination of the independent images.

18. (Original) The method as claimed in claim 17 wherein the interacting comprises at least one of phase, frequency or angle shifting of halftone dot patterns.